

1. A water-based cosmetic composition having film-forming properties, comprising as film-forming resin, a neutralized non crosslinked polyester polyurethane in the form of particles in an aqueous dispersion, said aqueous dispersion being present in a proportion ranging from 0.5 to 30% by weight relative to the total weight of the composition, the average diameter of the particles being between 5 and 300 nm, and said non crosslinked polyester polyurethane containing units corresponding to the following formulae (I) and (II):



R represents an alkylene or cycloalkylene radical or a bivalent aromatic radical having from 6 to 15 carbon atoms.

n represents an integer such that the molecular weight of the recurring unit is between 400 and 5,000,

R_1 represents a ~~bivalent~~ divalent radical selected from the group consisting of:

(i) $-(CH_2)_m$, m being an integer between 2 and 12, and

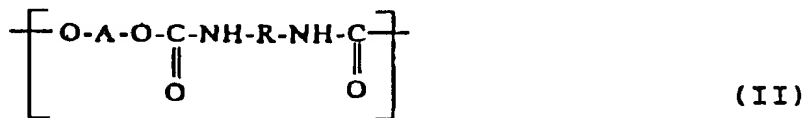
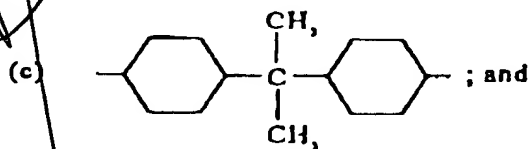
(ii)  , the movable bond being in the ortho, meta

or para position,

R_2 represents a bivalent radical selected from the group
~~consisting of:~~

$$\left(\text{CH}_2 - \underset{\text{CH}_3}{\overset{\text{CH}_3}{\text{C}}} - \underset{\text{O}}{\overset{\parallel}{\text{C}}} - \text{O} \right)_p - \underset{\text{R}_3}{\overset{\text{R}_5}{\text{CH}}} - \underset{\text{R}_4}{\text{C}} - \text{CH}_2 -$$

p being 0 or 1;



A represents an alkylene radical having from 2 to 20 carbon atoms, substituted with a carboxylic or sulphonic acid function, or interrupted by a tertiary nitrogen atom,

and wherein said carboxylic acid or sulphonic acid function is neutralized with a neutralizing agent selected from the group consisting of an inorganic base and an organic base, and said tertiary nitrogen atom is neutralized with a neutralizing agent selected from the group consisting of an inorganic acid and an organic acid, the degree of neutralization being between 20 and 100%,

the mole ratio between the units (II) and units (I) being between 1:1 and 10:1.

2. The cosmetic composition according to claim 1, wherein said aqueous dispersion is present in a proportion ranging from 1 to 25% by weight relative to the total weight of the composition.

3. The cosmetic composition according to claim 1, which further contains a plasticizing agent in a proportion ranging from 5 to 50% by weight relative to the total weight of said aqueous dispersion.

4. The cosmetic composition according to claim 1, which further contains at least one cosmetic additive selected from the group consisting of a fat, an organic solvent, a silicone, a thickening agent, an emollient, a UV-A or UV-B or broad-band sunscreen agent, an antifoaming agent, a hydrating agent, a humectant, a nail hardener, an anionic polymer, a nonionic polymer, an amphoteric polymer, an antiperspirant, an alkalinizing agent, a colorant, a pigment and a propellant agent.

5. The cosmetic composition according to claim 1, which is in the form of a nail varnish base coat.

6. The cosmetic composition according to claim 1, which is in the form of a nail varnish top coat.

7. The cosmetic composition according to claim 1, wherein said cosmetic composition is a colored nail varnish comprising (i) from 1 to 25% by weight of said aqueous dispersion of neutralized non crosslinked polyester polyurethane particles, (ii) from 0.01 to 5% by weight of at least one thickening agent, (iii) less than 3% by weight of a pigment, (iv) from 0.1 to 1% by weight of at least one wetting agent, and the remainder consisting essentially of water.

8. The cosmetic composition of claim 1, which is in the form of a mascara composition.

9. The cosmetic composition of claim 1, which is in the form of an eyeliner.

10. The cosmetic composition of claim 1, which is in the form of a hair care lotion.

11. A process for protecting the nails comprising applying to the surface of the nails the composition of claim 5.

12. A process for strengthening a traditional colored nail varnish film comprising applying to the surface of the nails the traditional colored nail varnish and after drying, applying the composition of claim 6.

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B1

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D1